

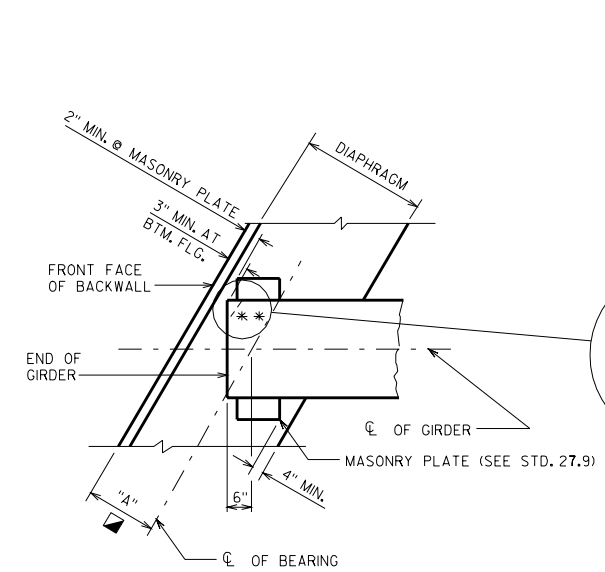
AT PIER

AT ABUTMENT

ABUTMENT: TYPE "A1 FIXED" AND "A5" W/O PAVING NOTCH

AT ABUTMENT

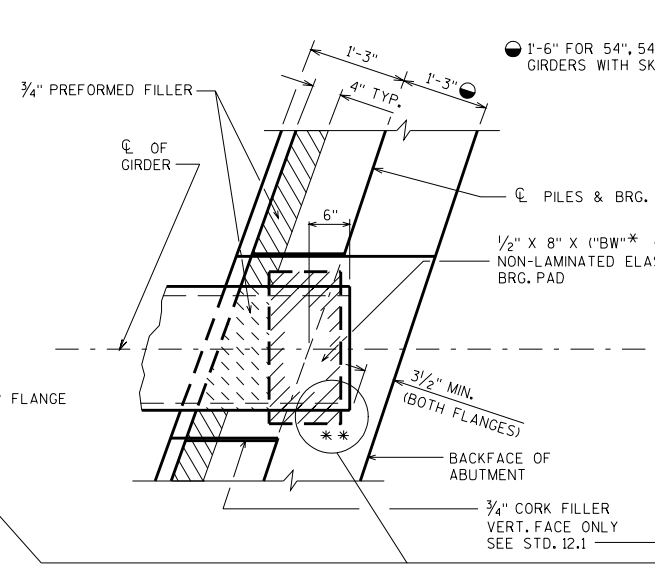
ABUTMENT: TYPE "A1 FIXED" AND "A5" WITH PAVING NOTCH.



PLAN AT ABUTMENT

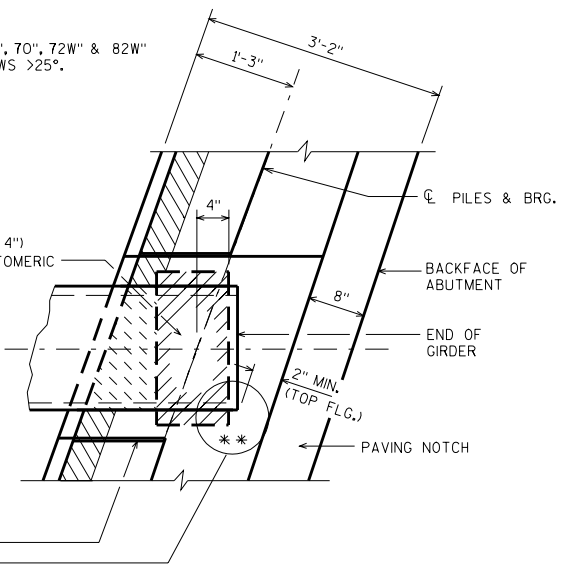
ABUTMENT: TYPE "A3" OR "A4" SEE TABLE FOR MIN. "A" VALUES REQ'D. TO MEET MIN. CLEARANCE CRITERIA ABOVE.

** FORM-OUT CORNER OF TOP FLANGE ON 54W", 70", 72W" & 82W" PRESTRESSED GIRDERS TO MEET MIN. CLEARANCE REQ'D.



AT ABUTMENT

ABUTMENT: TYPE "A1 SEMI-EXP." W/O PAVING NOTCH



AT ABUTMENT

ABUTMENT: TYPE "A1 SEMI-EXP." WITH PAVING NOTCH.

MIN. "A" DIMENSION IN INCHES FOR A3 AND A4 ABUTMENTS WITH STEEL BEARINGS AS SHOWN ON STD. 27.9.

■ "A" DIMENSION BASED ON BOTTOM FLANGE CLEARANCE IS CALCULATED USING 6" OFFSET FROM ϕ BRG. TO END OF GIRDER AND 3" MIN. OFFSET BETWEEN FLANGE AND BACKWALL TO ACCOMMODATE EXPANSION. IF CONDITIONS REQUIRE OFFSETS OTHER THAN THESE, THE "A" DIMENSION MUST BE CALCULATED. "A" DIMENSION BASED ON MASONRY PLATE CLEARANCE IS CALCULATED ASSUMING A 10" LONG PLATE. IF LONGER PLATE IS REQUIRED, RECALCULATE "A".

SKEW ANGLE °	GIRDER DEPTHS							
	28"	36"	45"	54"	54W"	70"	72W"	82W"
0-5	12"	12"	12"	12"	12"	12"	12"	12"
> 5-15	12"	12"	12"	12.5"	13"	13"	13"	13"
> 15-25	12.5"	12.5"	13"	14"	15"	15"	15"	15"
> 25-35	(14")	(14")	(15")	(16.5")	(17.5")	16.5"	(17.5")	(17.5")
> 35-45	(15.5")	(15.5")	(17")	(18.5")	(20")	(18.5")	(20")	(20")
> 45-55	(17")	(17")	(18.5")	(20")	(21.5")	(20")	(21.5")	(21.5")

VALUES IN PARENTHESIS ARE CONTROLLED BY 2" CLR. CRITERIA AT EDGE OF MASONRY PLATE. VALUES MAY BE ADJUSTED IF MASONRY PLATE IS CLIPPED PER STANDARD 27.2.

PRESTRESSED GIRDER FLANGE WIDTH TABLE

GIRDER DEPTH	28"	36"	45"	54"	54W"	70"	72W"	82W"
TOP FLANGE WIDTH	18"	12"	16"	20"	48"	30"	48"	48"
BOTTOM FLANGE WIDTH "BW"*	18"	18"	22"	26"	30"	26"	30"	30"

BEARING PAD DETAILS FOR PRESTRESSED CONCRETE GIRDERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DEVELOPMENT SECTION

APPROVED: _____ DATE: 3-06